

March 19, 2004

INFORMATION DISCLOSURE  
STATEMENT  
Patent Application  
Docket No. NAN-105XCD1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. : NAN-105XCD1

Applicants : James K. Walker, Jacob Ralph Tymianski, Bongsoo Lee, Stephan A. Tuchman, Won Young Choi

Filed : March 19, 2004

For : Method and Apparatus for Manufacturing Plastic Optical Transmission Medium

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§1.97 AND 1.98

Sir:

In accordance with 37 CFR §1.97 and §1.98, Applicants would like to bring to the attention of the Examiner, the references cited in the parent application, U.S. Serial No. 09/833,833, which was filed April 12, 2001. Applicants provide herewith copies of the references cited in U.S. Serial No. 09/833,833, for the convenience of the Examiner.

In addition, Applicants would like to also bring to the attention of the Examiner U.S. Patent Nos. 6,265,018 and 6,254,808. U.S. Patent No. 6,265,018 was cited during prosecution of the parent application. U.S. Patent No. 6,254,808 issued from U.S. Serial No. 09/321,050, which was incorporated by reference in U.S. Patent No. 6,625,018.

It is respectfully requested that these references be considered in the examination of the subject application and that their consideration be made of record.

Applicant respectfully asserts that the substantive provisions of 37 CFR §§1.97 and 1.98 are met by the foregoing statements.

Respectfully submitted,



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Attachment: Form PTO/SB/08  
Copies of cited references (15 references)

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	(not yet assigned)	
			Filing Date	March 19, 2004	
			First Named Inventor	James K. Walker	
			Art Unit	(not yet assigned)	
			Examiner Name		
Sheet	1	of	2	Attorney Docket Number	NAN-105XCD1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	US- 5,235,660	08-10-1993	<i>Perry et al.</i>	All
	U2	US- 5,935,491	08-10-1999	<i>Tripathy et al.</i>	All
	U3	US- 5,593,621	01-14-1997	<i>Koike et al.</i>	All
	U4	US-6,254,808	07-03-2001	<i>Blyler et al.</i>	All
	U5	US-6,265,018	07-24-2001	<i>Blyler et al.</i>	All
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
	F1	EP	0 130 838 B1	10-07-1987	Nippon Sheet Glass Company Ltd.	All
	F2	EP	1 080 871 A1	03-07-2001	Lucent Technologies, Inc.	All
	F3	JP	1265208	10-23-1989	Mitsubishi Rayon Co. Ltd.	All
	F4	WO	87/01071 A1	02-26-1987	Norsk Hydro A.S.	All
	F5					
	F6					
	F7					

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	(not yet assigned)	
			Filing Date	March 19, 2004	
			First Named Inventor	James K. Walker	
			Group Art Unit	(not yet assigned)	
			Examiner Name		
Sheet	2	of	2	Attorney Docket Number	NAN-105XCD1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	R1	BLYLER, L.L., JR. <i>et al.</i> "Dopant Diffusion and Long Term Reliability Characteristics of Graded-Index Polymer Optical Fibers" <i>Proceedings POF Conference 97</i> , September 1997, pp. 42-43.	
	R2	HO, B.C. <i>et al.</i> "Gradient-Index Polymer Fibers Prepared by Extrusion" <i>Polymer Journal</i> , 1995, pp. 310-313, Vol. 27, No. 3.	
	R3	ISHIGURE, T. <i>et al.</i> "Graded-Index Polymer Optical Fiber with High Thermal Stability of Bandwidth" <i>Jpn. J. Appl. Phys.</i> , 1998, pp. 3986-3991, Vol. 37, Pt. 1, No. 7.	
	R4	KOIKE, Y. "Progress in GI-POF _ Status of High Speed Plastic Optical Fiber and its Future Prospect" Keio University - Yokohama, Japan, pp. 1-4.	
	R5	SHI, R. <i>et al.</i> "Origin of High Bandwidth Performance of Graded-Index Plastic Optical Fibers" <i>Appl. Phys. Lett.</i> , December 22, 1997, pp. 3625-3627, Vol. 71, No. 25.	
	R6	TSAI, C. and LIU, T. "Numerical Simulation of an Optical Fiber-Forming Process" <i>Chemical Engineering Science</i> , 1997, pp. 221-235, Vol. 52, No. 2.	
	R7		
	R8		
	R9		
	R10		
	R11		
	R12		
	R13		

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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